

- 15 -

### **Claims**

1. A homogeneous blend comprising from 10 % to 90 % by weight of a metallocene catalysed polyethylene (mPE) and from 90 % to 10 % by weight of styrene-butadiene block copolymers comprising from 5% to 40% by weight of 1,3-butadiene monomer units and from 60% to 95 % by weight of styrene monomer units.
2. A homogeneous blend according to claim 1 wherein the metallocene is a bridged metallocene catalyst.
3. A homogeneous blend according to claim 1 or claim 2 wherein the styrene-butadiene block copolymers has a transmittance of 91% and a haze of 3% when both are measured according to ASTM D 1003.
4. A process for producing peelable films comprising the steps of:
  - a) Preparing a homogeneous blend as defined in claims 1, 2 or 3,
  - b) Casting, blowing or coating (co)extruding the homogeneous blend of step a.
5. Peelable films produced according to the process of claim 4.
6. Use of the homogeneous blend as defined in claims 1, 2 or 3 to produce peelable films.
7. Use of the films according to claim 5 for food packaging applications.